

PATENT APPLICATION DECLARATION COMBINED WITH POWER OF ATTORNEY

X REGULAR (UTILITY) OR _____ DESIGN APPLICATION (check one)

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "Multiple Channel System for a Twisted Pair Telephone Wire Local Loop System", Attorney Docket No. AMT-9804 (Ameritech File No. A00482), the specification of which:

Which:	, = 5 mot 110. 7 m	ATT-9004 (AMERICAN File No.	A00482), the sp	pecification of
	is attached hereto.			
<u>_x</u>	was filed on <u>February</u> was amended on	16, 1999_ as U.S. Application (if applicab	Serial No. <u>09/2</u>	251,097 and
I hereby state to including the clai or agent(s) to fill	hat I have reviewed and unde ims, as amended by any amend in the U.S. Application Serial N	erstand the contents of the a	ie).	•
i acknowledge th	ne duty to disclose information Title 37, Code of Federal Regul		nination of this a	pplication in
I hereby claim for	preign priority benefits under T patent or inventor's certificate tent or inventor's certificate ha	itle 35, United States Code	Costing 440	
Prior Foreign Appl	lication(s):			W GH WINGH
X no s	such applications filed			
such	n applications identified as follow	ws:	Priority C	
(Serial No.)			Priority CI	aimed
((Country)	(Day/Month/Year Filed	Yes	No
(Serial No.)	(Country)	(D/)	_	
	,	(Day/Month/Year Filed	Yes	No
Serial No.)	(Country)	(Day/Month/Year Filed	<u> </u>	· · · · · · · · · · · · · · · · · · ·
hereby claim the	oriority bonost	(=dy/Month/fear Filed	Yes	No

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, Title 37, Code of Federal Regulations, Section 1.56(a) which is material information as defined in application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

(Check one)		oplications filed cations identified as follows:
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)

I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a design patent application) prior to the date of this application.

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEY(S) OR AGENT(S) WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:

NAMES REG. NO.
Bruce E. Stuckman 36,693
Dale B. Halling 38,170

Send Written Correspondence to:

Bruce E. Stuckman

4H80

Ameritech Corporation

2000 W. Ameritech Center Drive Hoffman Estates, IL 60196-1025

Direct Telephone Calls to: Bruce E. Stuckman at 847/248-8816

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statement and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

		State or Country	Zip Code
	Wheaton, IL 60187 City		
Post Office Address	102 E. George Street		
Citizenship	United States of America		
O.11	City	State or Foreign Co	untry
Residence:	Wheaton, Illinois		
Date:			
Inventor's signature			·
Full name of First inventor	Phillip George Skeba		

Full name of					
Second inventor	Dale Brian Halling				
Inventor's signature	dale B Kalley				
Date:	4/16/99			· .	
Residence:	Colorado Springs, Colorado				
	City	State or Foreig	n Country	· · · · · · · · · · · · · · · · · · ·	
Citizenship	United States of America				** .
Post Office Address	654 Royal Oak			:	
	Colorado Springs, CO 80906				
	City	State or Country		Zip Cod	le

Full name of Third inventor	Nelson Leon Ledbetter		
Inventor's signature			
Date:			
Residence:	Batavia, Illinois		
	City	State or Foreign Country	
	United States of America		
Post Office Address	516 Carriage Drive		
	Batavia IL 60510		
	City	State or Country	Zip Code



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Full name of First inventor	Phillip Coores Of		
Inventor's signature	Phillip George Skeba	SI 0	
Date:	4/15/99	Chelie	· · · · · · · · · · · · · · · · · · ·
Residence:	Wheaton, Illinois		
Citizenship	City United States of America	State or Foreign Country	
Post Office Address	102 E. George Street		
	Wheaton, IL 60187		
	City	State or Country	Zip Code

Full name of Second inventor	Dale Brian Halling		
Inventor's signature			
Date:			
Residence:	Colorado Springs, Colorado		
Citizenship	City United States of America	State or Foreign Country	
Post Office Address	654 Royal Oak		
	Colorado Springs, CO 80906 City	State or Country	7'.
		y	Zip Code

Full name of			
Third inventor	Nelson Leon Ledbetter		
Inventor's signature	Melen 2 3	Califf	
Date:	4/15/99	MANUEL MA	
Residence:	Batavia, Illinois		
	City	State or Foreign Cou	intry
Citizenship	United States of America		ann y
Post Office Address	516 Carriage Drive		
	Batavia, IL 60510		
	City	State or Country	Zip Code
	· · · · · · · · · · · · · · · · · · ·		Lip Code

Full name of fourth inventor Edward R. Folds Inventor's signature Date: Residence: Sleepy Hollow, Illinois State or Foreign Country Citizenship United States of America Post Office Address 808 Acorn Drive Sleepy Hollow, IL 60118 City State or Country Zip Code

Full name of fourth inventor Thomas J. J. Starr Inventor's signature Date: Residence: Barrington, Illinois City State or Foreign Country Citizenship United States of America Post Office Address 370 Roberts Road, Inverness Barrington, IL 60010 City State or Country Zip Code



PATENT APPLICATION DECLARATION COMBINED WITH POWER OF ATTORNEY

X REGULAR (UTILITY) OR **DESIGN APPLICATION** (check one)

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

patent is sought on the invention entitled "Mu Local Loop System", Attorney Docket No. AN which:	v) of the subject matter which altiple Channel System for a Tw AT-9804 (Ameritech File No. AC	is claimed and risted Pair Te	d for which a lephone Wire pecification of
is attached hereto.			•
	16, 1999 as U.S. Application Se		
I hereby state that I have reviewed and unde including the claims, as amended by any amend or agent(s) to fill in the U.S. Application Serial No.	erstand the contents of the abo		specification, y attorney(s)
I acknowledge the duty to disclose information accordance with Title 37, Code of Federal Regul		ation of this a	pplication in
I hereby claim foreign priority benefits under T application(s) for patent or inventor's certificate application for patent or inventor's certificate hapriority is claimed:	itle 35, United States Code, Se	ection 110 of	
Prior Foreign Application(s):			
X no such applications filed		•	
such applications identified as follow	We.		
		Priority Cl	<u>aimed</u>
(Serial No.) (Country)	(Day/Month/Year Filed	Yes	No
(Serial No.) (Country)	(Day/Month/Year Filed	Yes	No
(Serial No.) (Country)	(Day/Month A)	· · · · · · · · · · · · · · · · · · ·	
hereby claim the priority benefit under Title 35	(Day/Month/Year Filed	Yes	No

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the examination of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

(Check one)	x no such applications filed such applications identified as follows:		
(Application Serial No.)	(Filing Date)	(Status) (Patented, Pending, Abandoned)	
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NAMES

REG. NO.

Bruce E. Stuckman

36,693

Dale B. Halling

38,170

Send Written Correspondence to:

Bruce E. Stuckman

4H80

Ameritech Corporation

2000 W. Ameritech Center Drive

Hoffman Estates, IL 60196-1025

Direct Telephone Calls to: Bruce E. Stuckman at 847/248-8816

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	City	State or Country	Zip Code
	Wheaton, IL 60187		
Post Office Address	102 E. George Street		·
Citizenship	United States of America		
	City	State or Foreign Country	
Residence:	Wheaton, Illinois		
Date:			
Inventor's signature			
Full name of First inventor	Phillip George Skeba		

Full name of				
Second inventor	Dale Brian Halling			
Inventor's signature	Dale B. Kalley			· · · · · · · · · · · · · · · · · · ·
Date:	4/16/99	· · · · :	· · · · · · · · · · · · · · · · · · ·	
Residence:	Colorado Springs, Colorado			
	City	State or Fore	an Country	
Citizenship	United States of America	<u> </u>		
Post Office Address	654 Royal Oak			
	Colorado Springs, CO 80906			
	City	State or Country		Zip Code

Full name of Third inventor	Nelson Leon Ledbetter		
Inventor's signature		-	
Date:			
Residence:	Batavia, Illinois		
	City	State or Foreign Country	
Citizenship	United States of America		
Post Office Address	516 Carriage Drive		
	Batavia, IL 60510		
	City	State or Country	Zip Code



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Inventor's signature	Phillip George Skeba		
Date:	4/15/99	See	
Residence:	Wheaton, Illinois		
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Citizenship	United States of America	o ogn Country	
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	City	itate or Country	Zip Code

•				
	City	State or Country		Zip Code
•	Colorado Springs, CO 80906			
Post Office Address	654 Royal Oak			
Citizenship	United States of America		<u> </u>	
Citima material	City	State or Foreign	Country	
Residence:	Colorado Springs, Colorado			· · · · · · · · · · · · · · · · · · ·
Date:				
Inventor's signature				
Full name of Second inventor	Dale Brian Halling			

Full name of			
Third inventor	Nelson Leon Ledbetter		
Inventor's signature	- Nelen D. D	Califor.	
Date:	4/15/99		
Residence:	Batavia, Illinois		
	City	State or Foreign	Country
Citizenship	United States of America		
Post Office Address	516 Carriage Drive		
	Batavia, IL 60510		
	City	State or Country	Zip Code
•			

fourth inventor Inventor's signature	Edward R. Folds Edward R. Folds		
Date:	4/5/99		
Residence:	Sleepy Hollow, Illinois		
	City	State or Foreign Country	
Citizenship	United States of America		· .
Post Office Address	808 Acorn Drive		
	Sleepy Hollow, IL 60118		
	City	State or Country	Zip Code

Full name of fourth inventor Thomas J. J. Starr Inventor's signature Date: Residence: Barrington, Illinois City State or Foreign Country Citizenship United States of America Post Office Address 370 Roberts Road, Inverness Barrington, IL 60010 City State or Country Zip Code

1 3	Prior U.S. Application(s):			A004
0	(Check	X no such a	pplications filed	
JUN 1 "	one)	such app	lications identified as follows:	
BIEN	(Application Serial No.)	(Filing Date)	(Status) (Patented, Pe	nding, Abandoned)
	(Application Serial No.)	(Filing Date)		nding, Abandoned)
•	(Application Serial No.)	(Filing Date)		ding, Abandoned)

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Residence:	Wheaton, Illinois		
Date:			
Inventor's signature			
Full name of First inventor	Phillip George Skeba		

		State or Country			Zip Co	de
	Colorado Springs, CO 80906 City	State as O				
Post Office Address	654 Royal Oak					
Citizenship	United States of America		or eigh	Country		
	Colorado Springs, Colorado City	State or I	Foreign	Country		
Residence:	F/16/99					
Date:	July Hally	· · · · · · · · · · · · · · · · · · ·		·.		· <u>·</u> ·
Inventor's signature	Dale Brian Halling		•			
Full name of Second inventor						

Full name of		•				
Third inventor	Nelson Leon Ledbetter					
Inventor's signature						·
Date:		·. •			· · ·	· · ·
Residence:	Batavia, Illinois				·	·
Citizenship	City United States of America		State or Fore	ign Country		
Post Office Address	516 Carriage Drive					
	Batavia, IL 60510 City					 -
	Viij		State or Country		Zip Code	,

Zip Code

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Full name of First inventor Phillip George Skeba inventor's signature Lerce Shel Date: Residence: Wheaton, Illinois City State or Foreign Country Citizenship **United States of America** Post Office Address 102 E. George Street Wheaton, IL 60187 City State or Country

Full name of Second inventor Dale Brian Halling inventor's signature Date: Residence: Colorado Springs, Colorado City State or Foreign Country Citizenship United States of America Post Office Address 654 Royal Oak Colorado Springs, CO 80906 City State or Country Zip Code

Full name of Third inventor	Nelson Leon Ledbetter		
Inventor's signature	$\supset A$	shill	
Date:	4/15/99	wells	
Residence:	Batavia, Illinois		
Citizenship	City United States of America	State or Foreign Cour	ntry
Post Office Address	516 Carriage Drive		:
	Batavia, IL 60510 City		
		State or Country	Zip Code

Full name of fourth inventor Edward R. Folds Inventor's signature Date: Residence: Sleepy Hollow, Illinois City State or Foreign Country Citizenship United States of America Post Office Address 808 Acorn Drive Sleepy Hollow, IL 60118 City State or Country Zip Code

Full name of fourth inventor Thomas J. J. Starr Inventor's signature Date: 199 Residence: Barrington, Illinois City State or Foreign Country Citizenship **United States of America** Post Office Address 370 Roberts Road, Inverness Barrington, IL 60010 City State or Country Zip Code